10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti-EPS8L1 Antibody

Catalog # AP60845

## Product Information

| | |
|---|---|
| **Application** | WB, IHC, IF/IC |
| **Primary Accession** | Q8TE68 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 80251 |

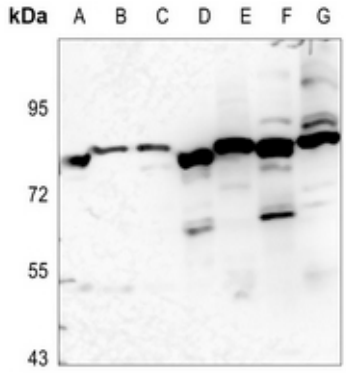
## Additional Information

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|---|---|
| **Gene ID** | 54869 |
| **Other Names** | DRC3; EPS8R1; Epidermal growth factor receptor kinase substrate 8-like protein 1; EPS8-like protein 1; Epidermal growth factor receptor pathway substrate 8-related protein 1; EPS8-related protein 1 |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human EPS8L1. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/IC (1/50 - 1/100) IHC~~WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/IC (1/50 - 1/100) IF/IC~~N/A |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

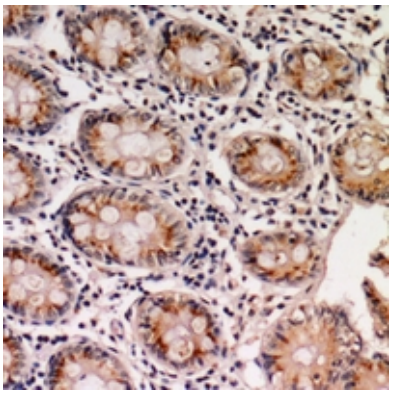
## Protein Information

| | |
|---|---|
| **Name** | EPS8L1 |
| **Synonyms** | DRC3, EPS8R1 |
| **Function** | Stimulates guanine exchange activity of SOS1. May play a role in membrane ruffling and remodeling of the actin cytoskeleton. |
| **Cellular Location** | Cytoplasm. |
| **Tissue Location** | Detected in placenta. |

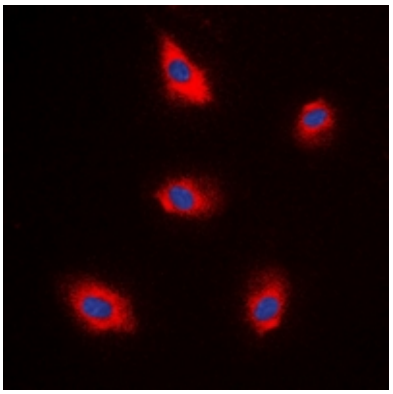
## Images



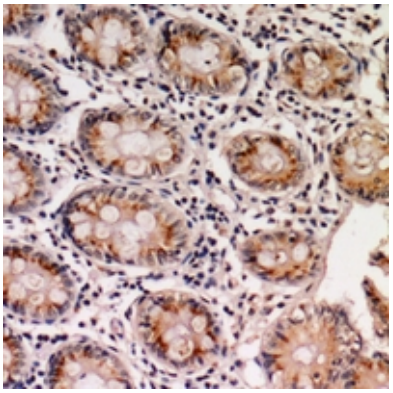

Western blot analysis of EPS8L1 expression in HEK293T (A), H1688 (B), H446 (C), mouse kidney (D), mouse spleen (E), rat kidney (F), rat spleen (G) whole cell lysates. (Predicted band size: 80 kD; Observed band size: 80 kD)



Immunohistochemical analysis of EPS8L1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of EPS8L1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of EPS8L1 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.